

# PATENT COOPERATION TREATY

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From the INTERNATIONAL SEARCHING AUTHORITY

PCT

NOTIFICATION OF TRANSMITTAL OF  
THE INTERNATIONAL SEARCH REPORT  
OR THE DECLARATION

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JUL 07 2000  
(PCT Rule 44.1)  
SEED INTELLECTUAL PROPERTY  
LAW GROUP PLLC

To:  
SEED Intellectual Property Law  
Group PLLC  
Attn. BIERMAN, Ellen M  
Suite 6300  
701 Fifth Avenue  
Seattle, WA 98104-7092  
UNITED STATES OF AMERICA

(.411) SUPP. IDS  
OCT. 3, 2000

ENTERED IN DOCKET *asl*

Date of mailing  
(day/month/year) 03/07/2000

Applicant's or agent's file reference  
480087.411PC

**FOR FURTHER ACTION** See paragraphs 1 and 4 below

International application No.  
PCT/US 00/ 03088

International filing date  
(day/month/year) 03/02/2000

Applicant  
GATES, William, H., III et al.

PCT VOLUNT. AMEND  
SEPT. 3, 2000  
ENTERED IN DOCKET *asl*

PCT VOLUNT. AMEND 2  
AUG. 3, 2000  
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1. ☒ The applicant is hereby notified that the International Search Report has been established and is transmitted herewith.

**Filing of amendments and statement under Article 19:**

The applicant is entitled, if he so wishes, to amend the claims of the International Application (see Rule 46):

**When?** The time limit for filing such amendments is normally 2 months from the date of transmittal of the International Search Report; however, for more details, see the notes on the accompanying sheet.

**Where?** Directly to the International Bureau of WIPO  
34, chemin des Colombettes  
1211 Geneva 20, Switzerland  
Facsimile No.: (41-22) 740.14.35

For more detailed instructions, see the notes on the accompanying sheet.

2. ☐ The applicant is hereby notified that no International Search Report will be established and that the 'declaration under Article 17(2)(a) to that effect is transmitted herewith.

3. ☐ **With regard to the protest** against payment of (an) additional fee(s) under Rule 40.2, the applicant is notified that:

☐ the protest together with the decision thereon has been transmitted to the International Bureau together with the applicant's request to forward the texts of both the protest and the decision thereon to the designated Offices.

☐ no decision has been made yet on the protest; the applicant will be notified as soon as a decision is made.

4. **Further action(s):** The applicant is reminded of the following:

Shortly after **18 months** from the priority date, the international application will be published by the International Bureau. If the applicant wishes to avoid or postpone publication, a notice of withdrawal of the international application, or of the priority claim, must reach the International Bureau as provided in Rules 90bis.1 and 90bis.3, respectively, before the completion of the technical preparations for international publication.

Within **19 months** from the priority date, a demand for international preliminary examination must be filed if the applicant wishes to postpone the entry into the national phase until 30 months from the priority date (in some Offices even later).

Within **20 months** from the priority date, the applicant must perform the prescribed acts for entry into the national phase before all designated Offices which have not been elected in the demand or in a later election within 19 months from the priority date or could not be elected because they are not bound by Chapter II.

Name and mailing address of the International Searching Authority



European Patent Office, P.B. 5818 Patentlaan 2  
NL-2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Lucia Van Pinxteren

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 00/03088

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H04L12/28 H04L12/24 G06F9/46

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04L G06F H04B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

INSPEC, IBM-TDB, WPI Data, COMPENDEX

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>FRIESEN J. A., YANG C. L., CLINE R. E. JR.: "DAVE: A PLUG-AND-PLAY MODEL FOR DISTRIBUTED MULTIMEDIA APPLICATION DEVELOPMENT" IEEE PARALLEL AND DISTRIBUTED TECHNOLOGY: SYSTEMS AND APPLICATIONS, 1995, pages 22-28-28, XP002125719 ISSN: 1063-6552 page 23, left-hand column, line 24 - line 33 page 23, left-hand column, line 44 -page 24, left-hand column, line 14 page 24, right-hand column, line 20 -page 27, left-hand column, line 2; figures 4,5 page 27, left-hand column, line 43 -right-hand column, line 4 page 27, right-hand column, line 44 - last line</p> <p style="text-align: center;">---</p> <p style="text-align: center;">-/--</p>	1-3

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&amp;" document member of the same patent family

Date of the actual completion of the international search

26 June 2000

Date of mailing of the international search report

03/07/2000

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Archontopoulos, E

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 00/03088

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>SONY, PHILIPS, HITACHI, SHARP, MATSUSHITA, THOMSON, TOSHIBA, GRUNDIG: "THE HAVI SPECIFICATION. SPECIFICATION OF THE HOME AUDIO/VIDEO INTEROPERABILITY (HAVI) ARCHITECTURE. VERSION 1.0 BETA."</p> <p>HAVI ORGANIZATION, SAN RAMON, CA, US, 19 November 1998 (1998-11-19), XP002116332</p> <p>page 11, line 28 -page 12, line 19 page 13, line 3 - line 9 page 14, line 29 - line 30 page 37, line 16 - line 28 page 54, line 5 -page 55, line 3 page 55, line 31 -page 57, line 11 page 58, line 1, paragraph 3.7.10 - line 10 page 162, line 36, paragraph 5.9 -page 172, line 22</p> <p>---</p>	1-3
X A	<p>US 5 621 662 A (HUMPHRIES L SCOTT ET AL) 15 April 1997 (1997-04-15)</p> <p>abstract column 4, line 5 - line 7 column 4, line 59 -column 5, line 8 column 10, line 7 - line 32</p> <p>---</p>	1,3 2
X A	<p>EP 0 854 607 A (SIEMENS SCHWEIZ AG) 22 July 1998 (1998-07-22)</p> <p>abstract page 2, line 36 -page 3, line 4 page 3, line 19 - line 30 page 3, line 55 -page 4, line 6 page 5, line 1 - line 15</p> <p>---</p>	1,3 2
X A	<p>ANSELL J., OZDAMAR M.: "AN ARCHITECTURE FOR THE DESIGN OF TMN APPLICATIONS" PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON COMMUNICATIONS (ICC), US, NEW YORK, IEEE, 1993, pages 1635-1639, XP000448407 ISBN: 0-7803-0950-2</p> <p>page 1636, right-hand column, line 20 -page 1637, left-hand column, line 6</p> <p>---</p> <p>-/--</p>	1,3 2

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 00/03088

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	AUER S., HASLER J., RUOPP G.: "DAS INFORMATIONSMODELL: EIN KONZEPT FUER DAS MANAGEMENT OFFENER KOMMUNIKATIONSSYSTEME" FREQUENZ, DE, SCHIELE UND SCHON GMBH., BERLIN, DE, vol. 47, no. 1/2, January 1993 (1993-01), pages 49-57, XP000349214 ISSN: 0016-1136	1,3
A	page 50, left-hand column, line 44 -right-hand column, line 11 page 50, right-hand column, line 23 - line 29 page 51, left-hand column, line 16 -right-hand column, line 53; figures 3,4 ---	2
X	SCHAPALER G., KEHL W., AZARMI N.: "MODEL BASED MAINTENANCE FOR MANS" ELECTRICAL COMMUNICATION, PARIS, FR, July 1993 (1993-07), pages 268-277, XP000394420	1
A	page 272, middle column, line 21 -right-hand column, line 9 ---	2,3
X	WO 97 31451 A (MCI COMMUNICATIONS CORP) 28 August 1997 (1997-08-28)	1
A	abstract page 3, line 16 -page 4, line 23 page 12, line 14 -page 15, line 19 figure 2B -----	2,3

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US 00/03088

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 5621662 A	15-04-1997	AU 1843195 A WO 9522087 A	29-08-1995 17-08-1995
EP 0854607 A	22-07-1998	BR 9800424 A	08-09-1999
WO 9731451 A	28-08-1997	US 5726979 A CA 2246741 A EP 0886930 A US 6058103 A US 5920542 A	10-03-1998 28-08-1997 30-12-1998 02-05-2000 06-07-1999